

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052153

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L41/09

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 006 749 A (WHITE RICHARD M) 9 April 1991 (1991-04-09)	1,5,6,8
Y	column 1, line 61 - line 65 column 2, line 15 - column 3, line 7 column 4, line 58 - column 5, line 5 column 7, line 3 - line 37 -----	2-4
Y	WO 03/079459 A (PEETERS FELIX G P ; KONINKL PHILIPS ELECTRONICS NV (NL); VERMEULEN MAR) 25 September 2003 (2003-09-25) cited in the application page 7, line 28 - line 29 -----	2-4
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
4 January 2005	13/01/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer  Steiner, M

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19, 5 June 2001 (2001-06-05) & JP 2001 054290 A (MINOLTA CO LTD), 23 February 2001 (2001-02-23) abstract -----	4,8
A	US 6 331 747 B2 (YOSHIDA RYUICHI ET AL) 18 December 2001 (2001-12-18) column 2, line 8 - line 45 column 5, line 46 - column 9, line 30 figures 1-5,8,9 -----	1,5
A	PATENT ABSTRACTS OF JAPAN vol. 0175, no. 50 (P-1624), 4 October 1993 (1993-10-04) & JP 5 151580 A (NEC HOME ELECTRON LTD), 18 June 1993 (1993-06-18) abstract -----	1
A	US 6 285 113 B1 (IKEDA JUNJI ET AL) 4 September 2001 (2001-09-04) column 3, line 66 - column 6, line 11 figures 1,3 -----	1,5

## Information on patent family members

International Application No

PCT/IB2004/052153

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5006749	A	09-04-1991	NONE		
WO 03079459	A	25-09-2003	EP WO	1488501 A2 03079459 A2	22-12-2004 25-09-2003
JP 2001054290	A	23-02-2001	NONE		
US 6331747	B2	23-08-2001	JP US	2001238473 A 2001015591 A1	31-08-2001 23-08-2001
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